


Molecular Endocrinology

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Molecular Endocrinology

???

Molecular Endocrinology



Mgr. Emese Renczés, PhD.
h-index: 8



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h-index: 9



Zaujímajú vás aké hormóny sú zodpovedné za obezitu, zmeny nálady, či neplodnosť? Chcete si vyskúšať, ako sa robí biomedicínsky výskum?



Zapíšte si predmet

MOLEKULÁRNA ENDOKRINOLÓGIA

a my vám zabezpečujeme
zaujímavé témy

- ❖ hormonálna regulácia
- ❖ poruchy
- ❖ molekulárne mechanizmy



prijmu potravy
a metabolizmu



hospodárenia
s vodou a minerálmi



pohlavného
dimorfizmu



emócií a
správania

možnosť
účasti na experimentoch



Chcete
vedieť viac?
www.imbm.sk



Basics



- ▶ Weekly lessons
 - ▶ Seminars
 - ▶ Endocrine journal club
 - ▶ Practicals
 - ▶ Experiment
- ▶ Communication
 - ▶ Email
 - ▶ peter.celec@imbm.sk
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Basics

- ▶ Literature

- ▶ Journals

- ▶ Endocrine Reviews

- ▶ Trends in Endocrinology and Metabolism

- ▶ Nature Reviews Endocrinology

- ▶ Molecular and Cellular Endocrinology

- ▶ Diabetologia

- ▶ JCEM

Basics

- ▶ CVTI
 - ▶ www.cvtisr.sk
- ▶ Pubmed
 - ▶ www.pubmed.com
- ▶ Web of Science
 - ▶ www.webofscience.com
- ▶ Scopus
 - ▶ www.scopus.com

Basics

- ▶ Test
 - ▶ 5 major questions – 5x10 points
 - ▶ 10 minor questions – 10x5 points
- ▶ Bonus points
 - ▶ Quizzes during the semester – up to 20 points
 - ▶ Experiment – up to 50 points
 - ▶ Endocrine journal club – up to 20 points
- ▶ Evaluation
 - ▶ 100–91=A; 90–81=B; 80–71=C; 70–61=D; 60–51=E; ≤50=Fx
- ▶ Examination
 - ▶ Oral

Basics

► Syllabus

1. Introduction – information on the subject; Molecular mechanisms of endocrine regulation
2. Hormones of the brain
3. Adrenal hormones: Autonomous nervous system and cortical hormones
4. Gonadal hormones and endocrine-dependent tumors of the genital organs
5. Hormonal regulation of calcium metabolism
6. Thyroid hormones
7. Pancreas and insulin resistance
8. Diabetes mellitus
9. Complications of diabetes
10. Hormones and regulatory peptides of the gastrointestinal tract
11. Hormones of other organs and organisms